

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR2005/000626

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16C39/06

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 844 339 A (BRUNET MAURICE ET AL) 1 December 1998 (1998-12-01) cited in the application abstract column 4, line 30 - column 6, line 3; figure 1	1-11
A	EP 1 312 822 A (ROLLS ROYCE PLC) 21 May 2003 (2003-05-21) abstract paragraph '0016! - paragraph '0023!; figures	1-11
A	US 3 557 629 A (QUERMANN THOMAS R) 26 January 1971 (1971-01-26) column 2, line 35 - column 4, line 19; figures	1
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*P\* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

13 July 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 216 308 A (MEEKS CRAWFORD R) 1 June 1993 (1993-06-01) abstract column 6, line 25 - column 9, line 23; figures -----	1
A	US 5 250 865 A (MEEKS CRAWFORD R) 5 October 1993 (1993-10-05) abstract column 5, line 37 - column 7, line 31; figures -----	1

INTERNATIONAL SEARCH REPORT  
information on patent family members

International Application No  
PCT/FR2005/000626

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5844339	A	01-12-1998	FR 2716700 A1 DE 69503613 D1 DE 69503613 T2 EP 0749538 A1 WO 9523297 A1 JP 3382947 B2 JP 9510280 T	01-09-1995 27-08-1998 25-02-1999 27-12-1996 31-08-1995 04-03-2003 14-10-1997
EP 1312822	A	21-05-2003	EP 1312822 A2 US 2003127927 A1	21-05-2003 10-07-2003
US 3557629	A	26-01-1971	NONE	
US 5216308	A	01-06-1993	US 5111102 A CA 2064094 A1 DE 69022588 D1 DE 69022588 T2 EP 0473723 A1 JP 2644374 B2 JP 5502084 T WO 9014525 A1	05-05-1992 26-11-1990 26-10-1995 04-04-1996 11-03-1992 25-08-1997 15-04-1993 29-11-1990
US 5250865	A	05-10-1993	US 5315197 A US 5514924 A	24-05-1994 07-05-1996